

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---------------------------------|------------------|---------|------------------|
| S2    | 95    | (mobile,portable cellular cell) near3 (phone telephone device\$1 apparatus\$1) near10 (send\$3 transmit\$3 receiv\$3 broadcast\$3) near10 (id identification\$1 identifier\$1) same printer\$1  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 11:02 |
| S3    | 202   | wireless\$2 near10 (send\$3 transmit\$3 receiv\$3 broadcast\$3) near10 (id identification\$1 identifier\$1) same print\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 11:08 |
| S5    | 234   | (proximity area distance) near10 (send\$3 transmit\$3 receiv\$3 broadcast\$3) near10 (id identification\$1 identifier\$1) same print\$3 .   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 11:18 |
| S6    | 9571  | 358/1.15.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 11:21 |
| S7    | 13992 | 709/220.ccls. 709/229.ccls. 709/224-225.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 11:24 |
| S8    | 8978  | (infrared wireless\$3 proximity (predefined preselected predetermined) near3 distance vicinity range) same (identif\$4 identification authenticat\$4 authoriz\$3) same print\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:17 |
| S9    | 124   | S7 and S8   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:26 |
| S10   | 365   | S6 and S8   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:16 |
| S15   | 3060  | (infrared wireless\$3 proximity (predefined preselected predetermined) near3 distance vicinity range) same (identifier id\$1) same print\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:35 |
| S16   | 264   | S6 and S15  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:27 |
| S18   | 44    | S7 and S15  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:27 |
| S20   | 352   | (infrared wireless\$3 proximity (predefined preselected predetermined) near3 distance vicinity range) same (device\$1 phone\$1) near10 (send\$3 transmit\$4) near10 (identification identifier id\$1) same (compar\$3 match\$3) near10 (identification identifier\$1 id\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:49 |
| S21   | 1     | S6 and S20  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:39 |
| S22   | 30    | S8 and S20  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:40 |
| S23   | 5     | S7 and S20  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:40 |
| S24   | 147   | computer near10 (send\$3 transmit\$4) near10 (device\$1 phone\$1) same (device\$1 phone\$1) near10 (send\$3 transmit\$4) near10 (identification identifier id\$1) same (compar\$3 match\$3) near10 (identification identifier\$1 id\$1)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:50 |
| S25   | 15    | "709"/\$.ccls. and S24  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:50 |
| S26   | 3     | S6 and S24  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:50 |

## EAST Search History

|     |      |  |                                 |    |     |                  |
|-----|------|--|---------------------------------|----|-----|------------------|
| S27 | 1009 | printer\$1 near10 (look\$3 adj up correlat\$4 collat\$4 compar\$3 match\$3) near10 (identification identifier\$1 id\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2007/08/09 14:53 |
| S28 | 173  | S6 and S27   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2007/08/09 14:51 |
| S30 | 24   | printer\$1 near10 (look\$3 adj up correlat\$4 collat\$4 compar\$3 match\$3) near10 (pin\$1 password\$1 code\$1) same (device\$1 phone\$1) near10 (transmit\$4 send\$3 receiv\$4) near10 (pin\$1 password\$3 code\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2007/08/09 14:54 |
| S31 | 4807 | (look\$3 adj up correlat\$4 collat\$4 compar\$3 match\$3) near10 (pin\$1 password\$1 code\$1) same (device\$1 phone\$1) near10 (transmit\$4 send\$3 receiv\$4) near10 (pin\$1 password\$3 code\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2007/08/09 14:54 |
| S32 | 1    | "6650430".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2007/08/10 12:54 |
| S33 | 20   | ("4157784"   "4775246"   "4855578"   "4864618"   "4891506"   "4968873"   "4980542"   "5146067"   "5317137"   "5325152"   "5336871"   "5377269"   "5617528"   "5636331"   "5720012"   "5737582"   "5832119"   "5933322"   "5946672").PN. OR ("6650430").URPN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2007/08/10 12:55 |
| S34 | 1    | "6862583".pn.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2007/08/10 12:55 |
| S35 | 26   | ("5191611"   "5392351"   "5398283"   "5495533"   "5606613"   "5633932"   "5720012"   "5752697"   "5903646"   "5933498"   "5933501"   "5949881"   "6111953"   "6314521"   "6343361"   "6378070"   "6385728"   "6430690"   "6466921").PN. OR ("6862583").URPN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2007/08/10 12:55 |

## EAST Search History

| Ref # | Hits  | Search Query  | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|---------------------------------|------------------|---------|------------------|
| S2    | 95    | (mobile portable cellular cell) near3 (phone telephone device\$1 apparatus\$1) near10 (send\$3 transmit\$3 receive\$3 broadcast\$3) near10 (id identification\$1 identifier\$1) same printer\$1   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 11:02 |
| S3    | 202   | wireless\$2 near10 (send\$3 transmit\$3 receive\$3 broadcast\$3) near10 (id identification\$1 identifier\$1) same print\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 11:08 |
| S5    | 234   | (proximity area distance) near10 (send\$3 transmit\$3 receive\$3 broadcast\$3) near10 (id identification\$1 identifier\$1) same print\$3  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 11:18 |
| S6    | 9571  | 358/1.15.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 11:21 |
| S7    | 13992 | 709/220.ccls. 709/229.ccls. 709/224-225.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 11:24 |
| S8    | 8978  | (infrared wireless\$3 proximity (predefined preselected predetermined) near3 distance vicinity range) same (identif\$4 identification authenticat\$4 authoriz\$3) same print\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:17 |
| S9    | 124   | S7 and S8   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:26 |
| S10   | 365   | S6 and S8   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:16 |
| S15   | 3060  | (infrared wireless\$3 proximity (predefined preselected predetermined) near3 distance vicinity range) same (identifier id\$1) same print\$3   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:35 |
| S16   | 264   | S6 and S15  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:27 |
| S18   | 44    | S7 and S15  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:27 |
| S20   | 352   | (infrared wireless\$3 proximity (predefined preselected predetermined) near3 distance vicinity range) same (device\$1 phone\$1) near10 (send\$3 transmit\$4) near10 (identification identifier id\$1) same (compar\$3 match\$3) near10 (identification identifier\$1 id\$1) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:49 |
| S21   | 1     | S6 and S20  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:39 |
| S22   | 30    | S8 and S20  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:40 |
| S23   | 5     | S7 and S20  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:40 |
| S24   | 147   | computer near10 (send\$3 transmit\$4) near10 (device\$1 phone\$1) same (device\$1 phone\$1) near10 (send\$3 transmit\$4) near10 (identification identifier id\$1) same (compar\$3 match\$3) near10 (identification identifier\$1 id\$1)                                     | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:50 |
| S25   | 15    | "709"/\$.ccls. and S24  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:50 |
| S26   | 3     | S6 and S24  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/09 14:50 |

## EAST Search History

|     |      |  |                                 |    |     |                  |
|-----|------|--|---------------------------------|----|-----|------------------|
| S27 | 1009 | printer\$1 near10 (look\$3 adj up correlat\$4 collat\$4 compar\$3 match\$3) near10 (identification identifier\$1 id\$1)  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2007/08/09 14:53 |
| S28 | 173  | S6 and S27   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2007/08/09 14:51 |
| S30 | 24   | printer\$1 near10 (look\$3 adj up correlat\$4 collat\$4 compar\$3 match\$3) near10 (pin\$1 password\$1 code\$1) same (device\$1 phone\$1) near10 (transmit\$4 send\$3 receiv\$4) near10 (pin\$1 password\$3 code\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2007/08/09 14:54 |
| S31 | 4807 | (look\$3 adj up correlat\$4 collat\$4 compar\$3 match\$3) near10 (pin\$1 password\$1 code\$1) same (device\$1 phone\$1) near10 (transmit\$4 send\$3 receiv\$4) near10 (pin\$1 password\$3 code\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2007/08/09 14:54 |
| S32 | 1    | "6650430".pn.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2007/08/10 12:54 |
| S33 | 20   | ("4157784"   "4775246"   "4855578"   "4864618"   "4891506"   "4968873"   "4980542"   "5146067"   "5317137"   "5325152"   "5336871"   "5377269"   "5617528"   "5636331"   "5720012"   "5737582"   "5832119"   "5933322"   "5946672").PN. OR ("6650430").URPN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2007/08/10 12:55 |
| S34 | 1    | "6862583".pn.  | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2007/08/10 12:55 |
| S35 | 26   | ("5191611"   "5392351"   "5398283"   "5495533"   "5606613"   "5633932"   "5720012"   "5752697"   "5903646"   "5933498"   "5933501"   "5949881"   "6111953"   "6314521"   "6343361"   "6378070"   "6385728"   "6430690"   "6466921").PN. OR ("6862583").URPN. | US-PGPUB;<br>USPAT;<br>USOCR    | OR | OFF | 2007/08/10 12:55 |

## EAST Search History

| Ref # | Hits    | Search Query  | DBs                             | Default Operator | Plurals | Time Stamp       |
|-------|---------|---|---------------------------------|------------------|---------|------------------|
| L4    | 161     | "5633932"   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 14:52 |
| L5    | 2502    | print\$3 same match\$3 near10 (id\$1 identifier\$1 identification\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 14:53 |
| L7    | 465211  | (device\$1 user\$1 client\$1) near10 (proximity near close vicinity area)                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 14:51 |
| L8    | 34      | 5 same 7  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 14:50 |
| L11   | 23087   | (send\$3 transmit\$3 receiv\$3) near10 print near2 (data job)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 14:52 |
| L12   | 398     | 7 same 11   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 14:52 |
| L13   | 2111655 | (key\$1 identif\$4 id\$1 identifier\$1 identification\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 15:03 |
| L14   | 67      | 12 same 13  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 14:54 |
| L16   | 65859   | (device\$1 user\$1 client\$1) near10 (send\$3 transmit\$3) near10 (id identification identifier key identif\$4) | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 14:55 |
| L17   | 544     | 11 same 16  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 14:58 |
| L20   | 87515   | (authoriz\$3 authenticat\$4) near10 (device\$1 user\$1 client\$1)   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 15:03 |
| L21   | 366     | 11 same 20  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 14:59 |
| L22   | 144     | 11 same 20 same 13  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 15:02 |
| L24   | 201371  | (authoriz\$3 authenticat\$4 match\$3) near10 (device\$1 user\$1 client\$1)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 15:03 |
| L25   | 218227  | (transmit\$4 send\$3) near10 (key\$1 identif\$4 id\$1 identifier\$1 identification\$1)                          | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 15:03 |
| L26   | 13765   | 24 same 25  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 15:03 |
| L27   | 11520   | 709/220.ccls. 709/224-225.ccls.   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 15:04 |
| L28   | 388     | 26 and 27   | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 15:04 |
| L29   | 9646    | 358/1.15.ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR               | OFF     | 2007/08/30 15:04 |

## EAST Search History

|     |     |           |                                 |    |     |                  |
|-----|-----|-----------|---------------------------------|----|-----|------------------|
| L31 | 191 | 26 and 29 | US-PGPUB;<br>USPAT;<br>EPO; JPO | OR | OFF | 2007/08/30 15:05 |
|-----|-----|-----------|---------------------------------|----|-----|------------------|